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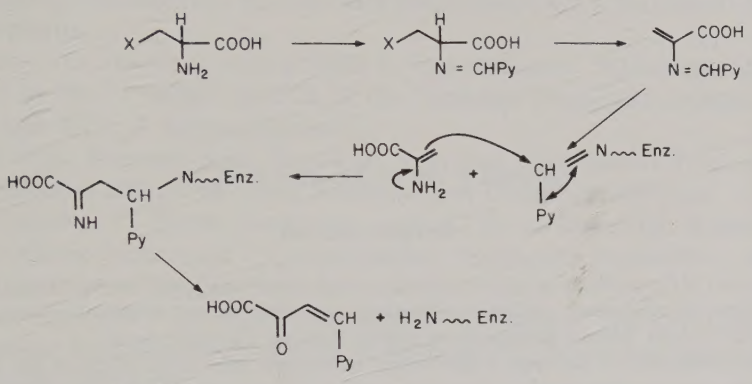

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Harcourt Brace Jovanovich, Publishers

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Bioorganic Chemistry publishes accounts of research that are at the interface of chemistry and biology. The guiding principle that the Editorial Board will follow in accepting manuscripts for publication is that the research either use the principles and techniques of organic and physical organic chemistry in attempting to solve some problem of relevance to biology, or describe chemical studies that are inspired by some biological observation. Within this context, manuscripts suitable for submission are ones that deal with such topics as: characterization of the chemistry involved in new enzymatic reactions and metabolic pathways; elucidation of enzyme mechanisms and structure; application of kinetic, isotopic, stereochemical, and spectral techniques to the study of enzymes and metabolic pathways; investigations of chemical model systems for enzymes, peptides, and other biological molecules; studies related to coenzyme structure and reactivity; development of catalyst systems that mimic enzymes and coenzymes; achievement of useful organic transformations by the application of enzymes; description of new chemistry that results from some finding in biology; development of mechanism-based and active site-directed inhibitors for enzymes, and characterization of the chemistry associated with their inhibition; investigation of the structure and mechanism of action of pheromones and other chemical communicants; determination of the molecular mechanisms for the action of hormones and of the molecular basis of pharmacology; elucidation of the principles involved in receptor site recognition; chemical modifications of nucleic acids and the application of such modifications to the manipulation of genetic material.

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